

## Grade 4 Unit 5

Lesson 14

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## Unit 5 Lesson 14: Weight and Capacity Measurements

### WU Number Talk: Lots of Thousands (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

- $1,200 + 900$
- $12,500 + 9,000$
- $13,000 + 9,900$
- $130,000 + 99,000$

### 1 Milk and Mango Lassi

#### Student Task Statement

1. Here are three true statements about this jug of milk.

- This jug contains 1 gallon of milk.
- This jug contains 4 quarts of milk.
- This jug contains 16 cups of milk.

Complete each statement so that it is true:

- One gallon is \_\_\_\_\_ times as much as 1 quart.
- One gallon is \_\_\_\_\_ times as much as 1 cup.
- One quart is \_\_\_\_\_ times as much as 1 cup.



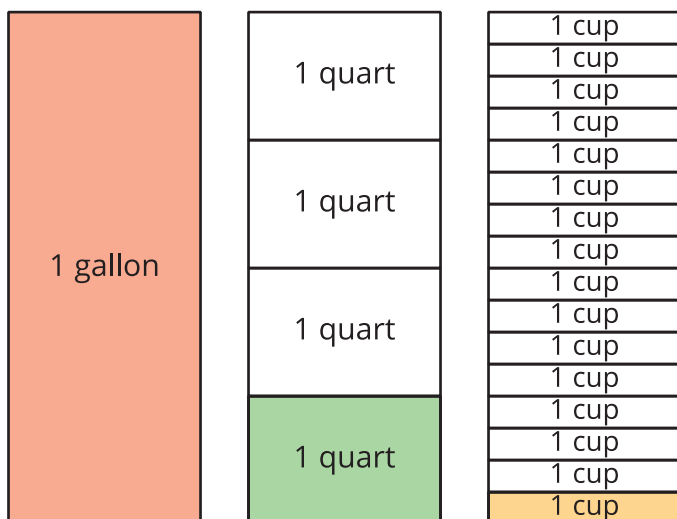
2. For a potluck party, Priya and three other relatives are bringing mango lassi.



guest	amount of lassi
Priya	10 cups
Uncle	3 quarts
Cousin	8 cups
Grandma	2 gallons

- Who prepared the most mango lassi? Explain or show your reasoning.
- How many cups of lassi did all the guests bring?
- Complete this sentence: Priya's grandma made \_\_\_\_\_ times as much lassi as Priya's cousin. Show how you know.

### Activity Synthesis



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## 2 Clay for Art Class

### Student Task Statement

At a craft store, clay is sold in packs of different sizes: 1 pound, 24 ounces, 3 pounds, and 5 pounds.

An art teacher needs 120 ounces of clay for her class.



1. Would she have enough clay if she bought each of the following combinations? Explain or show your reasoning.

	1-pound pack	24-ounce pack	3-pound pack	5-pound pack
Combo A	1		1	
Combo B	1	1	1	1
Combo C		1	2	

2. Decide if each statement is true or false. Be prepared to explain or show your reasoning.
- A 3-pound pack weighs 2 times as much as a 24-ounce pack.
  - If we combine a 1-pound pack, a 3-pound pack, and a 5-pound pack, we'd have 6 times as much clay as what's in a 24-ounce pack.